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PTO/5097 (08-00)

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Ren, Baolute Ren

USSN: 10/721,139

Filed: November 25, 2003

Confirmation No.: 6344

"Heat Exchanger Tubing With Connecting Member and Fins and Methods  
of Heat Exchange"

Attorney Docket: 03-0950, 370029-00001

Certificate of Transmission (1 page)  
Response ( 11 pages)  
Fee Transmittal (1 page)  
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PTO/SB/17 (12-04v2)

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Effective on 12/08/2004.

Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

## FEE TRANSMITTAL For FY 2005

Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** (\$)  
450.00

### Complete if Known

Application Number	10/721,139
Filing Date	November 25, 2003
First Named Inventor	Baolute Ren
Examiner Name	Teresa J. Walberg
Art Unit	3753
Attorney Docket No.	03-0950, (370029-00001)

### METHOD OF PAYMENT (check all that apply)

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### FEE CALCULATION

#### 1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

#### 2. EXCESS CLAIM FEES

##### Fee Description

Each claim over 20 (including Reissues) 50 25

Each independent claim over 3 (including Reissues) 200 100

Multiple dependent claims 360 180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims	
				Fee (\$)	Fee Paid (\$)
- 20 or HP =	x	=			

HP = highest number of total claims paid for, if greater than 20,

Indep. Claims Extra Claims Fee (\$)

- 3 or HP = x =

HP = highest number of independent claims paid for, if greater than 3.

#### 3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$)

- 100 = / 50 = (round up to a whole number) x =

#### 4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): 2 month extension

Fees Paid (\$)

\$450

#### SUBMITTED BY

Signature	Registration No. (Attorney/Agent) 43,771	Telephone 724/337-6368
Name (Print/Type) D. Mark Maloney		Date September 1, 2005

This collection of information is required by 37 CFR 1.138. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Ren, Baolute  
USSN 10/721,139  
Filed 11/25/03

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re application of ) Examiner Teresa J. Walberg  
)  
Baolute Ren ) Group Art Unit 3753  
)  
Serial No. 10/721,139 ) Atty. Docket No. 03-0950[370029-1]  
)  
Confirmation No. 6344 )  
)  
Filed 11/25/03 )  
)

SEP 01 2005

For IIEAT EXCHANGER TUBING WITH  
CONNECTING MEMBER AND FINS  
AND METHODS OF HEAT EXCHANGE

Response to Office Action

September 1, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir or Madam:

In response to the Office Action dated April 1, 2005, please consider  
the following observations and remarks:

**Amendment** to the claims begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.

09/02/2005 TL0111 00000017 10721139  
01 FC:1252 450.00 OP